

**§ 801.4 Tolerances for dockage testers.**

The maintenance tolerances for dockage testers used in performing official inspection services shall be:

| Item                      | Tolerance  |
|---------------------------|--|
| Air separation .....      | ±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat |
| Riddle separation .....   | ±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat |
| Sieve separation .....    | ±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat |
| Total dockage separation. | ±0.15 percent, mean deviation from standard dockage tester using Hard Red Winter wheat |

**§ 801.5 Tolerance for diverter-type mechanical samplers.**

The maintenance tolerance for diverter-type mechanical samplers (primary, or primary and secondary in combination) used in performing official inspection services shall be ±10 percent, mean deviation from standard sampling device using corn or the same type of grain that the system will be used to sample.

**§ 801.6 Tolerances for moisture meters.**

(a) The maintenance tolerances for Motomco 919 moisture meters used in performing official inspection services shall be:

(1) Headquarters standard meters:

| Moisture range | Tolerance  |                 |
|----------------|--|-----------------|
|                | Direct comparison  | Sample exchange |
| Low .....      | ±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat |                 |
| Mid .....      | ±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat |                 |
| High .....     | ±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat |                 |

(2) All other than Headquarters standard meters:

| Moisture range | Tolerance   |   |
|----------------|---|---|
|                | Direct comparison   | Sample exchange   |
| Low .....      | ±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat | ±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat |
| Mid .....      | ±0.10 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat | ±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat |
| High .....     | ±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat | ±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat |

(b) The maintenance tolerances for GAC 2100 moisture meters used in performing official inspection services shall be:

(1) Headquarters standard meters. By direct comparison using mid-range Hard Red Winter wheat, ±0.05% mean deviation for the average of the Headquarters standard moisture meters.

(2) All other than Headquarters standard meters. By sample exchange using mid-range Hard Red Winter

wheat, ±0.15% mean deviation from the standard meter.

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**§ 801.7 Reference methods and tolerances for near-infrared spectroscopy (NIRS) analyzers.**

(a) *Reference methods.* (1) The chemical reference protein determinations used to reference and calibrate official NIRS instruments shall be performed in accordance with "Comparison of